INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39737

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : C21B 13/00				
US CL : 266/44, 901, 216; 75/687				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 266/44, 901, 900, 45, 216; 75/687, 686				
0.5. 200,41, 201, 100, 10, 100				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
EAST Text seacrh,: (submergence adj chamber) and scrap				
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C. DOC	JMENTS CONSIDERED TO BE RELEVANT	Cal	Relevant to claim No.	
Category *	Citation of document, with indication, where appropriate, of the relevant passages			
Y	US 6,217,823 B1 (VILD et al) 17 April 2001 (17.04.2001), figures 2 and 4, column 3, line		1-21	
	46 to column 4 line 37.			
Y	US 6,451,247 B1 (MORDUE et al) 17 September 2002 (17.09.2002), figures 1-3 and		1-21	
	column 4 lines 25-60.			
A	US 4,286,985 A (VAN LINDEN et al) 01 September 1981 (01.09.1981), figure 2.		1-21	
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A	US 5,310,412 A (GILBERT et al) 10 May 1994 (10.05.1994), figure 3.		1-21	
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Furthe	er documents are listed in the continuation of Box C.	See patent family annex.		
J	Special categories of cited documents:	"T" later document published after the in	ernational filing date or priority	
1	•	date and not in conflict with the appl	ication but cited to understand the	
"A" docume	nt defining the general state of the art which is not considered to be	principle or theory underlying the in-	vention	
of partic	cular relevance	"X" document of particular relevance; the	claimed invention cannot be	
"E" earlier	application or patent published on or after the international filing date	considered novel or cannot be considered	lered to involve an inventive step	
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specifie		considered to involve an inventive st	ep when the document is	
	combined with one of more other su-		cu documents, such combination the art	
"O" docume	nt referring to an oral disclosure, use, exhibition or other means			
"P" docume	ent published prior to the international filing date but later than the	"&" document member of the same pater	t family	
priority date claimed				
Date of the actual completion of the international search Date of mailing of the international search report				
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28 Watch 2005 (28:05:2005)			1000	
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